

IN THE CLAIMS

Claim 1. (presently amended)

A device for providing warmth to the head of a person, comprising:

an outer cap having a water impervious outer surface and sized to fit over the hair of a person;

a liner positioned inside said outer cap, said liner having a fibrous texture and being sized and positioned to contact the hair of the person, said liner being capable of holding a quantity of a hair cleaning compound; and

a heat source in said liner, said heat source comprising a frangible container containing a quantity of supercooled liquid capable of releasing a predetermined amount of heat upon crystallization and a quantity of the crystal form of said liquid separated from said supercooled liquid and present in an amount sufficient to initiate crystallization of said quantity of supercooled liquid upon flexing said frangible container to cause said crystal to contact at least a portion of said supercooled liquid.

Claim 2. (original)

The device of claim 1, wherein said supercooled liquid is selected from the group consisting of sodium carbonate and sodium acetate.

Claim 3. (previously amended)

The device of claim 2, wherein said crystallization causes said ~~causes the~~ temperature of the solidifying liquid to ~~read~~ reach a controlled temperature of up to 130 °F.

Claim 4. (original)

The device of claim 1, which further includes a temperature sensitive portion on said cap to indicate the temperature of the cap after breaking said frangible container.

Claim 5. (original)

The device of claim 1 in which said frangible container being placed proximate the middle of said liner to provide heat to said cap.

Claim 6. (original)

The device of claim 1, wherein said liner is formed from materials selected from the group consisting of natural fibers, synthetic fibers, synthetic materials and combinations thereof.

Claim 7. (original)

The device of claim 1, wherein said liner includes a quantity of hair cleaning compound.

Claim 8. (original)

The device of claim 7, wherein said hair cleaning compound is selected from the group consisting of shampoo, hair conditioner, hair moisturizer, scalp conditioning agents and mixtures thereof.

Claim 9. (presently amended)

A device for providing warmth to the head of a person, comprising:

outer cap means for providing a water impervious outer surface, said cap means being sized to fit over the hair of a person;

liner means for contacting the hair of the person and positioned inside said outer cap, said liner means having a fibrous texture and being sized and positioned to contact the hair of the person, said liner means being capable of holding a quantity of a hair cleaning compound; and

heat source means in said liner for producing heat to warm said liner means and said cap means, said heat source means comprising a frangible container means for containing a quantity of supercooled liquid capable of releasing a predetermined amount of heat upon crystallization and a quantity of the crystal form of said liquid separated from said supercooled liquid and present in an amount sufficient to initiate crystallization of said quantity of supercooled liquid upon flexing said frangible container means to cause said crystal to contact at least a portion of said supercooled liquid.

Claim 10. (original)

The device of claim 9, wherein said supercooled liquid is selected from the group consisting of sodium carbonate and sodium acetate.

Claim 11. (previously amended)

The device of claim 10, wherein said crystallization causes said ~~causes the~~ temperature of the solidifying liquid to ~~read~~ reach a controlled temperature of up to 130 °F.

Claim 12. (original)

The device of claim 9, which further includes temperature sensitive means on said cap means for indicating the temperature of the towels after breaking said frangible container means.

Claim 13. (original)

The device of claim 9 wherein said frangible container means is placed proximate the middle of said liner means to provide heat to said person's hair.

Claim 14. (original)

The device of claim 9, wherein said liner means is formed from materials selected from the group consisting of natural fibers, synthetic fibers, synthetic materials and combinations thereof.

Claim 15. (original)

The device of claim 9, wherein said liner means includes a quantity of hair cleaning compound.

Claim 16. (original)

The device of claim 9, wherein said hair cleaning compound is selected from the group consisting of shampoo, hair conditioner, hair moisturizer, scalp conditioning agents and mixtures thereof.

Claim 17. (original)

A device for cleaning a person's hair, comprising:  
an outer cap having a water impervious outer surface and sized to fit over the hair of a person;  
a liner positioned inside said outer cap, said liner having a fibrous texture and being sized to contact the hair of the person;  
a quantity of hair cleaning compound in said liner; and  
a heat source, said heat source comprising a frangible container containing a quantity of supercooled liquid capable of releasing a predetermined amount of heat upon crystallization and a quantity of the crystal form of said liquid separated from said supercooled liquid selected from the group consisting of sodium carbonate and sodium acetate and present in an amount sufficient to initiate crystallization of said quantity of supercooled liquid upon

flexing said frangible container to cause said crystal to contact at least a portion of said supercooled liquid; and

a temperature sensitive portion on said cap to indicate the temperature of the cap after breaking said frangible container;

wherein said crystallization causes said causes the temperature of the solidifying liquid to read a controlled temperature of up to 130 °F and said hair cleaning compound is in contact with the user's hair.

Claim 18. (original)

The device of claim 17, wherein said liner is formed from materials selected from the group consisting of natural fibers, synthetic fibers, synthetic materials and combinations thereof.

Claim 19. (original)

The device of claim 17, wherein said hair cleaning compound is selected from the group consisting of shampoo, hair conditioner, hair moisturizer, scalp conditioning agents and mixtures thereof.

Claim 20. (original)

The method of claim 17, wherein said frangible container being placed proximate the middle of said plurality of liner to provide heat to said liner and cap.